Application No.	Applicant(s)	
10/623,636	TSALET AL.	
Examiner	Art Unit	
Thor S. Campbell	3742	
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## Allowable Subject Matter

Claim 1 is allowed.

The following is an examiner's statement of reasons for allowance: The prior art of record does not teach to one of ordinary skill in the art in combination a water heating device wherein a hydroelectric generation system comprising a turbine mounted to in a flow passageway, and driven by the water flowing through said passageway; a generator operatively coupled to the turbine to generate electricity; and an electrical heater mounted to a heated section of the passageway, the electrical heater being electrically powered by the generator; and a control unit coupled to the electrical heater and the generator for controlling the electricity supplied to the electrical heater. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Entleutner discloses a turbine configuration to use waste heat to heat a fluid. Lin discloses a heater for heating a fluid within a fluid passageway, but does not suggest the use of a turbine/generator to self power a heating element.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thor S. Campbell whose telephone number is 703-306-9042. The examiner can normally be reached on Tue-Fri 5:30AM-4:00PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Denise Pothier can be reached on 703-308-0265. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TSC 5/17/04

THOR CAMPBELL SATENT EXAMINER